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Zea mays
Zea mays
Eukaryota; Viridipiantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; PACCAD
clade; Panicoideae; Andropogoneae; Zea.
score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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                                       SUMMARIES
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AC133008
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BX293990
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AL928914
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              GenCore version 5.1.6 (c) 1993 - 2003 Compugen Ltd.
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Continuation (5 of AC020192 Drosophil AL6C7065 Human DNA AL031581 Drosophil AC091200 Drosophil

AX653891 Sequence
AX928648 Mouse DNA
AC033008 Oryas sat
AC02354 Homo sapi
AC022931 Homo sapi
AC02294 Homo sapi
BX293990 Mus muscu
AC12216 Mus muscu
AC12216 Mus muscu
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AC105463 Rattus no
AC12122 Rattus no
AC12187 Was muscu
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AX356287 9 AF451895 AP001526 P AC006410 P AC090384 P AC094229 P AX653891 \$

Description

Conner,T.W., Dubois,P., Malven,M. and Masucci,J.D. Plant regulatory sequences for selective control of gene expression REFERENCE AUTHORS TITLE

PAT 06-FEB-2002

linear

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Barun, D.W., Kaplinsky,N.J., Penterman,C., Goff,S.A. and Freeling,W. Direct Submission
Submitted (27-NOV-2001) Plant and Microbial Biology, UC-Berkeley,
111 Koshand Hall, Berke.ey, CA 94720, USA
                                                                               Freeling, M.
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Hattori, M., Ishii, K., Toyoda, A., Taylor, T.D., Hong-Seog, P., Fujiyama, A., Yada, T., Totoki, Y., Watanabe, H. and Sakaki, Y. Homo sapiens 127, 652 gencaic DNA of 11q13
Spermatophyta, Magnoliophyta, Liliopsida, Poales, Poaceae, PACCAD clade, Panicoideae, Andropogoneae, Zea.
1 (bases 1 to 7142)
Kaplinsky, N.J., Sraun, D.M., Penterman, J., Goff, S.A. and Freeling, Utility and distribution of conserved noncoding sequences in the
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                                                                                                                                Froc. Natl. Acad. Sci. U.S.A. 99 (9), 6147-6151 (2002)
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Location/Qualifiers
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126524: contig of 1246 bp in length

5 126624: gap of 100 bp

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Hattori,M., Ishii,K., Toyoda,A., Taylor,T.D., Hong-Seog,P.,
Hujtyama,A., Yada,T., Totoki,Y., Watanabe,H. and Sakaki,Y.
Direct Submission.
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* NOTE: This is a "working draft' sequence. It currently

* Consists of 24 contigs. The true order of the pieces

* is not known and their order in this sequence record is
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/clone="PAC pDJ59L21"
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     CHROMOSOMAL LOCUS: This PAC clone
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/db_xref="taxon:9606"
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2 (bases 1 to 154841)
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I (bases I to 132948)

Evans G.A., Athanasiou, M., Aguayo, P., Arenare, S., Armstrong, D., Basit, M., Buettner, J., Butler, C., Card, P., deSailboat, C., Dunn, J., Hahner, L., Joslin, J., Lewis, F., Loo, H., Loo, K., Major, T., McFariand, J., Newton, J., Osborne-Lawrence, S., Schageman, C., Schultz, R.A., Stimson, S., Wagner, N., Waller, M., Wald, T. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Evans, G.A., Athanasiou, M., Aguayo, P., Arenare, S., Armstrong, D., Basit, M., Buettner, J., Buller, C., Card, P., desailboat, C., Dunn, J., Banglish, C., Ethridge, S., Garner, H.R., Gordon, M., Grant, O., Hahner, L., Joslin, J., Lewis, E., Loo, H., Loo, K.N., Xajor, T., McFarland, J., Newton, J., Osborne-Lawrence, S., Schageman, J., Schultz, R.A., Stimson, S., Wagner, N., Waller, K., Ward, T. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Submitted (16-JAN-1999) Genome Science & Technology Center, University of Texas Southwestern Medical Center, 5323 Harry Hines Blvd, Dallas, TX 75235-8591, USA
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note="assembly_fragment"
32152 a 31281 a 30169 g 31749 t
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23963. .125178
note="assembly_fragment"
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14338. .117279
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19778. .122392
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Pred. No.
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AC006410.2 GI:21389726
HTG; HTGS PHASE1.
Homo sapiens (human)
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Best Local Similarity
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Homo sapiens chromosome 11 clone RP11-727C13 map 11, WORKING DRAFT
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                                       Best's disease region mapped between STS D11S461 and EST AHNAK
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                                                                                                                                                                                                                                                                                                                               * arbitrary. Gaps between the contigs are represented as * runs of N, but the exact sizes of the gaps are unknown. This record will be updated with the finished sequence * as soon as it is available and the accession number will * be preserved.
                                                                     This region spans over 1.5 Mpb.
MARKER CONFIRMATICN: WI-17055
MAPPED CLONE OVERLAP: PACS pDJ57114 and pDJ532C8.
NOTE: This is a "working draft' sequence. It currently consists of 6 contigs. The true order of the pieces is not known and their order in this sequence record is
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Location/Qualifiers
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Local Similarity 106.0%; Pred. No. 0.06019; es 30; Conservative 0; Mismatches 5;
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COMMENT

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Eukaryoča, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo
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Evans (G.A., Athanasiou, M., Basit, M., Bradbury, P., Brignac, S., Bumesiter, R., Davis, C., English, C., Franklin, T.L., Garner, H.R., Gee, V., Gordon, M., Gotway, G., Grant, O., Hathner, L., Harris, J., Hinson, S., Narayanaswamy, U., Newton, J., C'Brien, K., Patel, P., Schageman, J., Schilling, P., Schultz, R., Syed, M., Valenzuela, D., Ward, T., and Wilson, I.
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Evans,G.A., Athanasiou,M., Basit,M., Bradbury,P., Brignac,S.,
Bumesiter,R., Davis,C., English,C., Franklin,T.L., Garner,H.R.,
Gee,V., Gordon,M., Gotway,G., Grant,O., Hahner,L., Harris,J.,
Hinson,S., Narayanaswamy,U., Newton,J., C'Brien,K., Patel,P.,
                                                           /clone="RP11-727C13"
/clone_lib="RPCI-11 Human Male BAC"
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Homo sapiens chromosome 11 clone pDU57114,
PROGRESS ***, 29 unordered pieces.
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Pred. No. 0.00019;
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        db xref="taxon:9606"
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vector_side:left"
1466. _2394
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HTG; HTGS PHASE1.
Homo sapiens (human)
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100.0%;
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Matches 30; Conservative
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                                                                                                                                                                                         L. Submitted (17-FEB-2001) Whitehead Institute/MIT Center for Genome Research, 320 Charles Street, Cambridge, MA 02141, USA On Aug 26, 2001 this sequence version replaced gi:14595869.
All repeats were identified using RepeatMasker:
Smit, A.F.A. & Green, P. (1996-1997)
http://ftp.genome.washington.edu/RW/RepeatMasker.html
http://ftp.genome.washington.edu/RW/RepeatMasker.html
Center: Whitehead Institute/ MIT Center for Genome Research
Center code: WISR
Web site: http://www-seq.wi.mit.edu
Contact: sequence_submissions@genome.wi.mit.edu
Center project name: 112682
Center clone name: 727_C_13
O'Connor, T., O'Donnell, P., O'Neil, D., Oliver, J., Peterson, K., Ribunkhang, P., Pierre, N., Pollara, V., Raymond, C., Retta, R., Rise, C., Roigo, Y., Roman, J., Rosetti, M., Roy, A., Santos, R., Schauer, S., Schupback, R., Seaman, S., Severy, P., Strauss, C., Spencer, B., Strange-Thomann, R., Stojanovic, N., Strauss, N., Subramanian, A., Talamas, J., Tesfaye, S., Travis, N., Trigilio, J., Vassiliev, H., Viel, R., Vo, A., Jalson, B., Wu, X., Wyman, D., Ye, W.J., Young, S., Zalnoun, J., Direct Submission
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Center clone name: 727 C_13

Sequencing volumery Statistics
Sequencing volumery Statistics
Chemistry: Dye-terminator Big Dye; 100% of reads
Chemistry: Dye-terminator Big Dye; 100% of reads
Assembly program: Phrap; version 0.960731
Consensus quality: 150768 bases at least Q00
Consensus quality: 15330 bases at least Q20
Insert size: 176000; agarose-fp
Insert size: 176000; agarose-fp
Insert size: 18341; sum-of-contigs
Quality coverage: 10.9 in Q20 bases; sum-of-contigs
Quality coverage: 12.5 in Q20 bases; sum-of-contigs
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f 100 bp
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/mol_type="genomic DNA"
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linear HTG 13-JUN-2002

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Spermatophyta; Magnoliophyta; Liliopsida, Poales, Poaceae,
Ehrhartoideae, Oryzeae, Oryza.
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Mouse DNA sequence from clone RP23-379A5 on chromosome 4, complete
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Sciurognathi, Muridae, Murinae, Mus.
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UmqrevrySanger.ac.uk Clone requests: clonerequest&sanger.ac.uk
On Mar 19, 2003 this sequence version replaced gi:28801826.
Sequence from the Mouse Genome Sequencing Consortium whole genome
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3.9%; Score 26, DB
Best Local Similarity 100.0%; Pred. No. C.C
Matches 26, Conservative C, Mismatches
                                                                                                                       4.5%; Score 30; DB
100.0%; Pred. No. 0.0
11ve 0; Mismatches
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* _418 c 321 g 180
                  sapiens,
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     1. .155736
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Mammalia; Eutheria; Rodentia;
1 (bases 1 to 90837)
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Schageman, J., Schilling, P., Schultz, R., Syed, M., Valenzuela, D., Ward, T. and Wilson, R.
Direct Submission
Submitted (26-FEB-1998) Genome Science & Technology Center,
University of Texas Southwester Medical Center, 5323 Harry Rines
Blvd, Dallas, TX 7525-8591, USA
On Jun 13, 2002 this sequence version replaced gi:2911732.
* NOTE: This is a "working draft' sequence. It currently
* Consists of 29 contigs. The true order of the pieces
* is not known and their order in this sequence record is
                                                                                                                                   arbitrary. Gaps between the contigs are represented as runs of N, but the exact sizes of the gaps are unknown. This record will be updated with the finished sequence as soon as it is available and the accession number will be preserved.
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                                                                                                                                                                                                                 During sequence assembly data is compared from overlapping clones. Where differences are found these are annotated as variations together with a note of the overlapping clone name. Note that the variation annotation may not be found in the sequence submission corresponding to the overlapping clone, as we submit sequences with only a small overlap as described above.

This sequence was finished as follows unless otherwise noted: all regions were either double-stranded or sequenced with an alternate chemistry or covered by high quality data (i.e., phred quality = 30); an attempt was made to resolve all sequencing problems, such as compressions and repeats; all regions were covered by at least on plasmid subclone or more than one MI3 subclone; and the assembly was confirmed by restriction digest, except on the rare occasion of the clone being a YAC.

The following abbreviations are used to associate primary accession numbers given in the feature table with their scurce databases:

Em: EMBL: Sw: SWISSEROT; Tr:, TREMBL; Wp:, WCRMPEP; Information on the WORNEPE database can be found at the RPOI-33 Mouse BAC Library force.
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HTG; HTGS PHASE2.
Oryza sativa (japonica cultivar-group)
SM Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Sperantophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrartoideae; Oryzae; Oryza
Ehrartoideae; Oryzae; Oryza
El (bases 1 to 120926)
S Buell-C.R., Vann,Q., Ouyang,S., Liu,J., Gansberger,R., Jones,K.M., Overton II.:., Tsitxin,T., Kim,M., Bera,J., Jin,S., Fadrosh,D.W., Talion,L., Koo,H., Zismann,V., Hsiao,J., Blunt,S., Vanaken,S., Riedmuller,S.B., Utterbach,T., Feldhlyum,T., Yang,Q., Haas,B., Suh,B., Peterson,C., Quackenbush,J., Milte,O., Salzberg,S. and Fraser,C.
                  from the whole genome shotgun alone has only been used where it has a phred quality of at least 30.
Seguence data
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OSJNBb0026K20, *** SEQUENCING IN PROGRESS ***, 8 ordered pieces.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           constructed by the group of Pieter de Jong.
For further details see http://www.chori.org/bacpac/home.htm
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100.0%; Pred. No. 0.026;
ive 0; Mismatches 0; Indels 0,
shotgun may have been used to confirm this sequence.
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                                                                                                                                              Web site: http://www.sanger.ac.uk
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/mol_type="genomic DNA"
/db_xref="taxon:10090"
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                                                                                                                                                                         Contact: humquery@sanger.ac.uk
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/clone="RP23-379A6"
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AC023549 155185 bp DNA linear HTG 10-SEP-2000 Homo sapiens clone RP11-60C17, WORKING DRAFT SEQUENCE, 17 unordered
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Litran, B., Linton, L., Mushaum, C. and Lander, E. Homo sapiers chromosome, clone RPI:-60017
                                                                         Saps
                 Genomic Research,
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/mol_type="genomic DNA"
/cultivar="Nipponbare"
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Direct Submission
Submitted (OS-SE2-2002) The Institute for Ge
Medical Center Dr. Rockville, MD 20850, USA
3 (bases 1 to 120926)
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34060 a 26488 c 25743 g 33915 t
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/clone="OSJNBb0026K20"
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Matches 26, Conservative
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        E (bases 1 to 155185)

Birren, B., Initon, L., Nusbaum, C., Lander, E., Abraham, H., Allen, N., Anderson, S., Baldwin, J., Barna, N., Beda, F., Boguslavkiy, L., Baudwin, J., Barna, N., Beda, F., Boguslavkiy, L., Boukhgalter, B., Browr, A., Burkett, G., Campoplano, A., Castle, A., Chopel, Y., Colangelo, M., Collins, S., Collymore, A., Cocke, P., DeArellano, K., Dewark, K., Dodge, S., Domino, M., Doyle, M., Ferreira, P., Fitzhugh, W., Forrest, C., Gage, D., Galagan, J., Gradt, G., Hagos, B., Heaford, A., Horton, L., Krand-Pierre, N., Gratt, G., Hagos, B., Heaford, A., Horton, L., Klein, J., Landers, T., Largocque, K., Lehoczky, J., Levine, R., Leu, C., Liu, G., Locke, K., Macdonid, P., Marqils, N., McGurk, A., McKernan, K., McPheeters, R., Meldrim, J., Nerman, C.H., McGurk, A., McKernan, K., McPheeters, R., Meldrim, J., Norman, C.H., O'Connell, P., O'Neil, D., Olivar, T.M., Peterson, K., Pierre, N., Pisani, C., Pollara, V., Raymond, C., Subramanian, A., Talamas, J., Tesfaye, S., Theodore, J., Tirrell, A., Travers, M., Trighlio, J., Vaeng, F., Stoner, B., Stange-Thomann, N., Stofanovic, N., Subramanian, A., Talamas, J., Yeung, G., Zainoun, J., Zimmer, A. and Line, C. Submitted (15-FBB-2000) Whitehead Institute/Mir Center for Genome Research, 320 Charles Street, Cambridge, MA 02141, USA on Sep 10, 2000 this sequence version replaced gi:7331469.

All repeats were identified using RepeatMasker: html
Center: Whieehead Institute/ MIr Center for Genome Center
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NOTE: This is a 'working draft' sequence. It currently consists of 17 contigs. The true order of the pieces is not known and their order in this sequence record is arbitrary. Gaps between the contigs are represented as runs of N, but the exact sizes of the gaps are unknown. This record will be updated with the finished sequence as soon as it is available and the accession number will be preserved.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Center clone name: 60_C17

Sequencing vector: M13, M7815; 100% of reads
Chemistry: Dye-terminator B19 Dye; 100% of reads
Assembly program: Phrap; version 0.960731
Consensus quality: 14424 bases at least 040
Consensus quality: 146497 bases at least 030
Consensus quality: 150798 bases at least 030
Consensus quality: 150798 bases at least 020
Insert size: 148000; agarose-fp
Insert size: 15388; sum-of-contigs
Quality coverage: 5.0 in Q20 bases; sum-of-contigs
Quality coverage: 4.8 in Q20 bases; sum-of-contigs
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g of 1005 bp in length
f 100 bp
g of 1112 bp in length
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of 1698 bp in length
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103.0%; Pred. No. 0.026;
iive 0; Mismatches 0; Indels 0.
                                                                                      contig of 6121 bp in length
gap of 100 bp
gap of 100 bp
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contig of 6046 bp in length
gap of 100 bp
contig of 7998 bp in length
gap of 100 bp
contig of 17621 bp in length
gap of 100 bp
contig of 24258 bp in length
gap of 100 bp
contig of 24258 bp in length
gap of 100 bp
contig of 2458 bp in length
gap of 100 bp
contig of 3270 bp in length
gap of 100 bp
contig of 2640 bp in length
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of 6121 bp in length
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30037, 37717
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122176, .152445
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                                    1001
                                                                                                                                                                                                                                                                                                                                                                              /mol_type="genomic_DNA"
/db_xref="taxon:9606"
/clone="RP11-60C17"
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                                                       contig
gap of
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SOURCE

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34381: gap of 100 bp
40840: contig of 6359 bp in length
40840: gap of 100 bp
40840: gap of 100 bp
48530: gap of 100 bp
48530: gap of 100 bp
60384: contig of 1559 bp in length
60384: contig of 1559 bp in length
72266: contig of 1182 bp in length
72366: gap of 100 bp
85370: contig of 11764 bp in length
85170: gap of 100 bp
110748: contig of 12764 bp in length
85170: gap of 100 bp
122955: contig of 22107 bp in length
122955: gap of 100 bp
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of 4048 bp in length
100 bp
i of 3978 bp in length
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of 5901 bp in length
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/clone lib="RPCI-11 Human Male BAC"
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                                                           100 bp
of 3479 bp in
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Location/Qualifiers
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18332. .34381
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Direct Submission

Submitted (O'FEB-2000) Whitehead Institute/MIT Center for Genome Research, 320 Charles Street, Cambridge, NA, 02141, USA

On Mar 16, 2000 this sequence version replaced gi:7008659.

All repeats were identified using RepeatMasker:
Smit, A.F.A. & Green, P. (1996-1997)

http://ftp:/genome.washington.edu/RM/RepeatMasker.html
                                         AC022931 157834 bp DNA linear HTG 16-MAR-2009
Homo sapiens chromosome 5 clone RPil-356D23 map 5, WORKING DRAFT
SEQUENCE, 17 unordered pieces.
                                                                                                                                                                                                            Sukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.

1 (bases 1 to 157834)

Birren, B., Linton, L., Nusbaum, C. and Lander, E.

Homo sapiens chromosome 5, clone RP11-356023

Unpublished
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ------ Genome Center
Center: Whitehead Institute/ MIT Center for Genome Research
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             arbitrary. Gaps between the contigs are represented as runs of N, but the exact sizes of the gaps are unknown. This record will be updated with the finished sequence as soon as it is available and the accession number will be preserved.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NOTE: This is a 'working draft' sequence. It currently consists of 17 contigs. The true order of the pieces is not known and their order in this sequence record is
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Center Clone name: 356_723

Sequencing vector: M13; M77815; 103% of reads Sequencing vector: M13; M77815; 103% of reads Chemistry: Dye-terminator Big Dye; 100% of reads Assembly program: Phytap; version 0,966731

Consensus quality: 15319 bases at least Q30 Consensus quality: 15319 bases at least Q30 Consensus quality: 154676 bases at least Q30 Insert size: 160000; agarose-fp Insert size: 166234; sum-of-contigs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Quality coverage: 4.8 in Q20 bases; agarose-fp
Quality coverage: 4.9 in Q20 bases; sum-of-contigs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Center code: WIBR
Web site: http://www.seq.wi.mit.edu
Contact: sequence submissions@secome.wi.mit.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1464: contig of 1404 bp in length
1504: gap of 160 bp
4290: contig of 2786 bp in length
4390: gap of 100 bp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Center project name: L6343
                                                                                                     AC022931
AC022931.3 GI:7249435
HTG; HTGS_PHASE1; HTGS_DRAFT.
HOmo sapiens (human)
                                                                                                                                                                                                                                                                                                                                        (bases 1 to 157834)
                                                                                                                                                                                           Homo sapiens
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4291
                                                             DEFINITION
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JOURNAL
RESULT 11
AC022931
                                                                                                                                                                                                                                                                                                                                      REFERENCE
AUTHORS
                                                                                                       ACCESSION
                                                                                                                             VERSION
KEYWORDS
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COMMENT

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Direct Submission
Submitted (3.4My-2003) Wellcome Trust Sanger Institute, Hinxton, Submitted (3.4My-2003) Wellcome Trust Sanger Institute, Hinxton, Cambridgeshire, CELO 15A, UK. E-mail enquittes:
hunquery@sanger.ac.uk Cione requests: clonerequest@sanger.ac.uk
on May 2, 2003 this sequence version replaced gis10210876 on May 2, 2003 this sequence version replaced gis10210876 shotgun may have been used to confirm this sequence. Sequence data from the whole genome shotgun alone has only been used where it has a phred quality of at least 10.

a phred quality of at least 10.

Center: Wellome Trust Sanger Institute
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Mus musculus chromosome 14 clone RP24-446C11, complete sequence.
AC129216
                                                                                   Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Eutelecstomí,
Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus
1 (bases 1 to 183011)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Center project name: bx222016

Assembly program: xGAP4; version 4.5

Assembly program: xGAP4; version 4.5

Consensus quality: 182293 bases at least 040

Consensus quality: 182593 bases at least 030

Consensus quality: 182695 bases at least 020

Insert size: 183011; sum-of-contigs

Insert size: 18280; 74% error; agarose-fp

Quality coverage: 8.90x in 020 bases; sum-of-contigs Quality

coverage: 9.70x in Q20 bases; agarose-fp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         * NOTE: This is a 'working draft' sequence. It currently consists of 1 contigs. Gaps between the contigs are represented as runs of N. The order of the pieces is believed to be correct as given, however the sizes of the gaps between them are based on estimates that have provided by the submittor.

This sequence will be replaced by the finished sequence as soon as it is available and the above the consistent of the second of the seco
HTG; HTGS PHASE2; HTGS ACTIVEFIN; HTGS DRAFT; HTGS FULLTOP.
Mus musculus
Mus musculus
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103.0%; Pred. No. C.025;
live 0; Mismatches 0; Indols 0.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Contact: humquery@sanger.ac.uk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Web site: http://www.sanger.ac.uk
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/organism="Mus musculus"
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/db_xref="taxon:10090"
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/clone_lib="RPCI-24"
1. .183011
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vector_side:l
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Best Local Similarity
Matches 26, Conserv
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AC129216/c
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Mus musculus chromosome 2 clone RP24-222N16, *** SEQUENCING IN
BX293990
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AC114969 164526 bp DNA linear PRI 01-JUN-2002
Homo sapiens chromosome 5 clone RP11-356D23, complete sequence.
AC114969
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Direct Submission

Submitted (14-MAR-2002) Production Sequencing Facility, DCE Joint
Genome Institute, 2800 Mitchell Drive, Walnut Creek, CA 94598, USA

(bases 1 to 164526)

OC Joint Genome Institute and Stanford Human Genome Center.
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Submitted (01-30W-2002) DOE Joint Genome Institute, 2800 Mitchell
Brive, Wainut Creek, CA 9499, USA
on Jun 1, 2002 this sequence version replaced gi:19424430.
Draft Sequence Produced by DOE Joint Genome Institute
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Homo sapiens (human)
Homo sapiens
Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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DOE Joint Genome Institute and Stanford Human Genome Center
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hes 0; Indels 0;
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100.0%; Pred. No. 0.026;
ive 0; Mismatches 0; Indels 0
                                                                                                   1605 others
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Quality: Phrap Quality >=40 99.8% of Sequence;
Estimated Total Number of Errors is 0.2.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       www.jgi.doe.gov
Finishing Completed at Stanford Human Genome
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/clone="RP11-356D23"
52577 a 32245 c 32724 g 46980 t
      /note="assembly_fragment"
ture 122056. 157834
/note="assembly_fragment"
46053 a 31958 c 2961<u>1</u> g 48607 t
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/mol_type="genomic DNA"
/db_xref="taxon:9606"
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HTG.
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Matches 26; Conservative
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AC114969
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                                                                                                                                                                                                                                                                                                                                     Submitted (20-MAR-2003) Genome Sequencing Center, 4444 Forest Park Submitted (20-MAR-2003) Genome Sequencing Center, 4444 Forest Park 4 (bases 1 to 1903)8) McPherson, 3.D. and Waterston, R.H. Direct Submission Submitted (23-APR-2003) Genome Sequencing Center, 4444 Forest Park Parkway, St. Louis, MO 61108, USA On Apr 23, 2033 this sequence version replaced gi:29126529.
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                                                                                                                                                                                                                                                          Submitted (27-JUL-2002) Genome Sequencing Center, 4444 Forest Park
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Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus.
1. (bases 1 to 199873)
Humphries,M.
                                                                  Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Rodentia, Sciurognathi, Muridae, Murinae, Mus. (bases 1 to 1903)8 McPherson, J.D. and Waterston, R.H.
The sequence of Mus musculus clone
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Submitted (30-MAY-2003) Wellcome Trust Sanger Institute, Hinxton,
Cambridgeshire, Calik J. UK. E-mail enquiries:
humqueryosanger.ac.uk Clone requests: clonerequest@sanger.ac.uk
On Jun 2, 2003 this sequence version replaced gi:29888620.
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Pred. No. 6.025;
0; Mismatches 0; Indels 0;
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38827 c 41432 g 58018
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McPherson, J.D. and Waterston, R.H.
Direct Submission
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/db_xref="taxon:10090"
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During sequence assembly data is compared from overlapping clones. Where differences are found these are annocated as variations together with a note of the overlapping clone name. Note that the variation annotation may not be found in the sequence submission corresponding to the overlapping clone, as we submit sequences with only a small overlap as described above. This sequence was finished as follows unless otherwise noted: all regions were either double-stranded or sequenced with an alternate chemistry or covered by high quality data (i.e., phred quality) as compressions and repeats; all regions were covered by at least one plasmid subclone or more than one Mils subclone; and the name assembly was confirmed by restriction disease, except on the rare occasion of the clone being a MAC.
                     shotgun may have been used to confirm this sequence. Sequence data from the whole genome shotgun alone has only been used where it has a phred quality of at least 30.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                The following abbreviations are used to associate primary accession numbers given in the feature table with their source databases:
Em:, EMBL; SW:, SWISSPROT; Tr:, TREMBL; Wp:, WORMPEP; Information on the WORMPEP database can be found at
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ..
Sequence from the Mouse Genome Sequencing Consortium whole genome
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For further details see http://www.chori.org/bacpac/home.htm
VECTOR: pBACe3.6.
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47425 c 46975 g 55384
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                                                                                                                                                                                                                                Web site: http://www.sanger.ac.uk
Contact: humquery@sanger.ac.uk
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/mol_type="genomic DNA"
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